



PRODUCT GUIDE

INDUSTRIAL PRODUCTS



Your Partner in Quality



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Data/Spec sheets and Material Safety Data Sheets (MSDS) are available online

<http://www.targetproducts.com/prod-category.aspx>

MASONRY & STUCCO

SPEC MIX® MORTAR - PORTLAND LIME & SAND

SPEC MIX® Portland Lime & Sand mortar is a dry preblended mortar mix containing Portland cement, hydrated lime and dried masonry sand formulated for superior bond, water retention and board life. SPEC MIX

Portland Lime & Sand is available in standard colors. It is acceptable for all types of masonry construction.

Features:

- Total quality control with every bag
- ASTM C 270 laboratory tested mix designs
- Preblended with sand to minimize labor cost
- Consistency from batch to batch, everyday
- Great workability and board life
- No sand piles or wasted materials left on site

Available in:

SPEC MIX® Portland Cement, Lime & Sand Mortar is available in 36.3 kg (80 lb) packages for easy hand loading or in 1,360.8 kg (3,000 lb) reusable bulk bags to be used with the various SPEC MIX® silo systems.

Yield:

Size block/brick	36 kg bags	1360 kg bags
4" block	14 - 16	525 - 600
6" block	11 - 13	450 - 500
8" block	10 - 12	400 - 450
10" block	10 - 12	400 - 450
12" block	9 - 11	350 - 400
Modular brick	37 - 39	1,400 - 1,475
Queen sized brick	31 - 33	1,175 - 1,250
King sized brick	25 - 27	950 - 1,025
Utility brick	22 - 24	850 - 925

All yields are approximate and above are only estimates depending on surface conditions, workmanship and technique as well as waste.

Mfr. No.	18007 (Type S)	18008 (Type N)	SM18007 (Type S)	SM 18008 (Type N)
Ship Wt.	36 kg bag	36 kg bag	1360 kg bag	1360 kg bag
	42 bags / pallet	42 bags / pallet	1 bag / pallet	1 bag / pallet

Colours Available

SPEC MIX® CORE FILL GROUT

In reinforced masonry, the SPEC MIX® Core Fill Grout is used to fill cells of concrete masonry units and horizontal bond beams as well as the cavities of composite masonry construction. Depending on the project specification, SPEC MIX Core Fill Grout is available in both Fine and Coarse mixtures. The Core Fill Grouts are a dry, preblended product

containing cementitious materials and dried aggregates formulated for superior flow to fill masonry voids and optimal compressive strength while meeting ASTM C 476 requirements for reinforced masonry construction.

Uses:

- Core Fill Grout is designed as a fluid, cohesive cementitious material used to bond together adjacent masonry units and steel reinforcement in the cores of the masonry units to the masonry assemblage, or to fill reinforced bond beams.
- Using SPEC MIX Core Fill Grout in conjunction with existing reinforcement will produce a structurally sound final wall system for reinforced masonry construction.

Available in:

SPEC MIX® Core Fill Masonry Grout is available in 36.3 kg (80 lb) packages for easy hand loading or in 1,360.8 kg (3,000 lb) reusable bulk bags to be used with the various SPEC MIX® silo systems.

Mfr. No.	18002 (Coarse)	18024 (Fine)	SM18002 (Coarse)
Ship Wt.	36 kg bag	36 kg bag	1360 kg bag
	42 bags / pallet	42 bags / pallet	1 bag / pallet

SPEC MIX® POLY MODIFIED ADHERED VENEER MORTAR

SPEC MIX® Polymer Modified Adhered Veneer Mortar (PMAVM) is a technologically advanced adhered veneer mortar for use in bonding adhered manufactured stone veneer, natural thin cut stone and thin brick to a cementitious substrate. PMAVM is designed to provide excellent workability, cohesion, high bond strength, sag resistance, water resistance, efflorescence minimization, and durability. SPEC MIX PMAVM is the ideal mortar solution for architects and contractors with projects where an immediate and ongoing need for adhesion and mechanical bond properties are required. This is especially true in dry stack applications where mortar joints are not utilized, yet the

increased performance and durability of PMAVM provides added “pop-off” protection. When installing natural thin cut stone veneer units a contractor’s level of jobsite productivity significantly increases due to the unique anti-sag and sticking power of SPEC MIX PMAVM.

SPEC MIX PMSVM has been rigorously tested to reduce the probability of unit “pop-offs” and contractor call-backs to repair adhered veneer failures common with standard mortars. SPEC MIX PMAVM is available in standard and custom colors.

Uses:

- SPEC MIX Polymer Modified Adhered Veneer Mortar is designed to be compatible with the characteristics of most all specified adhered masonry veneer units. It is acceptable for all types of construction: concrete, masonry, wood frame or steel studs, with submittals available upon request.

Features:

SPEC MIX PMAVM test results: shear bond and workability study

- PMAVM exceeds code requirements for ASTM C482 shear bond by 560 percent – 330 psi in 28 days.
- PMAVM achieves 428 psi shear bond strength in 28 days when tested in using ANSI 118.4 (F-5.1.5).
- Exceeds open time, sag and adjustability requirements of ANSI 118.4.
- Can be used to apply stones directly to concrete or masonry surfaces.

Available in:

SPEC MIX® Polymer Modified Adhered Veneer Mortar is available in 80 lb. (36.3 kg.) packages for easy hand loading or in 3,000 lb. (1,360.8 kg.) reusable bulk bags to be used with the various SPEC MIX® silo systems.

Mfr. No.	18011	18011 Colour	SM18011
Ship Wt.	36 kg bag	36 kg bag	1360 kg bag
	42 per pallet	42 per pallet	1 per pallet

Colours Available



QUIKRETE® PUMPABLE BASE COAT

QUIKRETE® Base Coat Stucco - Pump Grade (No. 1139-86) - A Portland cement based stucco, designed to be used as the scratch and/or brown coat in a 3-coat stucco application, or the first coat in a

2-coat application. This product contains special additives which prevent premature loss of mixing water and provide increased workability..

Used For:

- QUIKRETE® Base Coat Stucco – Pump Grade is intended for use over galvanized expanded metal lath or solid bases such as masonry, cast-in-place or precast concrete.

Yield/Coverage

Each 36.3 kg (80 lb) bag of QUIKRETE® Base Coat Stucco – Pump Grade will yield approximately 0.83 cu ft (23 L) of material.

Mfr. No. 113986

Ship Wt. 36 kg 42 bags/pallet



GROUTS

TARGET® PORTLAND EXPANDING GROUT

TARGET® Portland Expanding Non-Shrink Grout consists of accurately weighed Portland cement, non-metallic aggregate, expanding agents and admixtures. These materials are pre-blended, and require only mixing with water before use. In normal working temperature ranges of 10 °C to 30 °C (50 °F to 86 °F), the grout has a slight expansion prior to final set and is designed for use at dry pack, plastic, flowable

or fluid consistencies. It also contains other admixtures to give non-shrink properties after final set has occurred to meet the requirements of ASTM 1107, Grade C, and US Corps of Engineers Specification CRD-C621. The grout contains no chlorides or other admixtures, which could aggravate corrosion of reinforcing steel or prestressing steel cables.

Uses:

TARGET Portland Expanding Non-Shrink Grout is designed for use in applications where a non-shrink grout is required, such as the following:

- Grouting under columns, base plates, sole plates and machinery not subjected to heavy impact or dynamic loadings or vibrations. For applications involving such loads consult Target Products Ltd.
- Grouting of prestressed or post-tensioned tendons, anchor bolts, or cables.
- Grouting of post-tensioned structural sections.
- Grout jacking of concrete structures.
- Repairs to concrete structures.
- Void backfilling in tunnel work.
- Underpinning of buildings.
- Permanently anchoring posts, signs, parking meters, railings, columns and other fixtures in concrete, rock or masonry.
- Pile grouting.

Features:

On request, this product can be manufactured using Type V (Type 50) Portland cement for applications requiring improved sulphate resistance.

Approximate water requirements are:

- Dry Pack: 3.25 to 3.5L/25kg bag, or 0.86 to 0.92 US gal/55 lb bag
- Plastic: 5.13L/25kg bag, or 1.36 US gal/55 lb bag
- Flowable: 5.63L/25kg bag, or 1.49 US gal/55 lb bag
- Fluid: 6.25L/25kg bag, or 1.65 US gal/55 lb bag

Mfr. No. 9991110

Ship Weight 25 kg bag | 56 bags/pallet

TARGET® MACHINE BASE GROUT

TARGET® Machine Base Grout is a premium quality non-metallic, non-shrink grout designed for use under severe service conditions. The grout consists of a precisely proportioned blend of Portland cement, stable natural aggregates, supplementary cementing materials including silica fume, expansion agents and special water reducing admixtures. The expansion agents are designed to give shrinkage compensation

in both the plastic and hardened states, and include a crystal growth material to compensate for drying shrinkage. The grout is formulated to reduce the amount of mixing water required to give flowable mixes. The grout can be placed at dry-pack, plastic, flowable or fluid consistencies as defined in ASTM Standard C1107.

Uses:

TARGET Machine Base Grout is suitable for a wide range of cementitious grouting operations - from the most demanding non-shrink precision grouting to routine work. Typical grouting applications include:

- Pulp and paper machine sole plates.
- Under heavy machinery which transmits high stress to the grout, including milling machines and printing presses.
- Base plates of equipment with dynamic loading.
- Column base plates.
- General machine base grouting.
- General grouting where the grout can be exposed to mild or moderate concentrations of many industrial chemicals. If required, the grout can be supplied with sulphate-resistant cement.
- Most situations where a fluid, sanded grout is needed
- Any situation where protection of embedded steel against corrosion is required
- Patching or filling blockouts, and general concrete repairs.
- Installing anchor bolts or tie rods.

Features:

- Can be used at any consistency from dry-pack to flowable.
- Contains no metallic aggregates, making it suitable for service under wet or wet/dry conditions.
- Suitable for voids with least dimensions as small as 6 mm (0.25 inch).
- Surface temperatures from below freezing to +150 °C (328 °F) are acceptable after curing as directed.
- Confinement is not essential - may be placed with exposed surfaces.
- Conforms to ASTM C1107 Type C expansion, both before and after initial set.

Coverage

- 0.014 m³/bag = 72 bags/m³
- 0.49 ft³/bag = 55 bags/yard³

Mfr. No. 9991106

Ship Weight 25 kg bag | 56 bags/pallet

TARGET® 1118 UNSANDED SILICA FUME GROUT

TARGET® 1118 Unsanded Silica Fume Grout consists of accurately weighed Portland cement, silica fume and special chemical admixtures. The product is designed for use as a flowable grout. In working temperature ranges of 5° C to 35° C (41° F to 95° F), the grout will have

a slight expansion prior to final set. The grout contains no chlorides or other admixtures that could aggravate corrosion of embedded steel.

Uses:

TARGET Unsanded Silica Fume Grout is primarily designed for uses where a premium quality high flow grout that inhibits washout by water and has a very low permeability is required.

- Soil tie back anchor grouting
- Grouting of fissures and cracks in rocks
- Grouting of unconsolidated preplaced aggregates
- Anchor bolt grouting
- Repair of stable cracks in concrete
- Any area where there is a possibility of running water washing out the cement component in conventional grouts before they achieve final set
- Situations where extended working or setting times are required
- Grouting of post tensioning cables

Yield:

Per 25 kg (55 lb) bag at fluid consistency:

- bags/m³ = 55
- bags/yd³ = 42
- litres/bag = 18.4
- ft³/bag = 0.65

Mfr. No. 9991118

Ship Weight 25 kg bag | 56 bags/pallet

TARGET® SILICA FUME ANCHOR BOLT GROUT

TARGET® 1117 Silca Fume Anchor Bolt Grout consists of accurately weighed Portland cement, silica fume and special chemical admixtures. The product is designed for use as a flowable grout. In working temperature ranges of 5 °C to 35 ° C (41 °F to 95° °F), the grout will

have a slight expansion prior to final set. The grout contains no chlorides or other admixtures that could aggravate corrosion of embedded steel and meets all the requirements as set forth in ASTM C1107 specification for pre-hardened and post hardened expansion.

Used For:

- TARGET Silca Fume Anchor Bolt Grout is primarily designed for uses where a premium quality high flow grout that inhibits washout by water and has a very low permeability is required and a higher early strength is desired.
- Soil tie back anchor grouting
- Grouting of fissures and cracks in rocks
- Anchor bolt grouting
- Any area where there is a possibility of running water washing out

the cement component in conventional grouts before they achieve final set

- Situations where a higher early strength is required

Approximate Yield

per 30 kg (66 lb) bag at fluid consistency

- bags/m³ 50
- bags/yd³ 38
- litres/bag 20.1
- ft³/bag 0.71

Mfr. No. 9991117

Ship Weight 30 kg bag | 42 bags/pallet

TARGET® FLOWCRETE

TARGET® Flowcrete consists of accurately weighed Portland cement, aggregates and chemical admixtures. The product is designed to be used as original or repair concrete in situations requiring a high-quality concrete with a maximum aggregate size of 10 mm (3/8 inch). It may be mixed to any consistency from stiff plastic to flowing. An air-entraining agent is incorporated in the dry product to produce a concrete having

good resistance to freezing and thawing. Shrinkage compensating agents are included to minimize plastic shrinkage. On request, Target Flowcrete based on Type 50 (Type V) cement can be supplied for use in areas requiring sulphate-resistant cement. TARGET Flowcrete with Silica Fume is also available for applications requiring reduced permeability.

Uses:

- Grouting of keyways or general grouting operations where a maximum aggregate size of 10 mm (3/8 inch) is desirable.
- Levelling beds with a thickness of 25 mm (1 inch) or more.
- Void filling where a 10mm (3/8 inch) aggregate is desirable or where the minimum dimension of the pour exceeds 25 mm (1 inch). For smaller dimensions, use TARGET Machine Base Grout, TARGET Portland Expanding Grout or TARGET 1118 Grout.
- Structural repairs and applications requiring a high quality concrete at any consistency between stiff plastic and flowing where the quantities involved or placement conditions make the use of conventional ready-mixed concrete impractical. On request, silica fume can be included in the mix to give reduced permeability.

Yield:

- bags/m³ = Flowing 80; Plastic 82; Stiff Plastic 84.
- bags/yd³ = Flowing 61; Plastic 63; Stiff Plastic 65.
- ft³/bag = Flowing 0.44; Plastic 0.43; Stiff Plastic 0.42.

Available In:

- ~1588 kg Bulk Bag 1/pallet
- 1 yd³ (3500 lb) Bulk Bag 1/pallet

Mfr. No. 9991120

Ship Wt. 25 kg (55 lb) 56 bags/pallet

TARGET® FLOWCRETE WITH FUME

TARGET® Flowcrete with Silica Fume consists of accurately weighed Portland cement, aggregates and chemical admixtures. The product is designed to be used as a repair concrete in situations requiring a high-quality concrete with a maximum aggregate size of 10 mm (3/8 inch). It may be mixed to any consistency from stiff plastic to

flowable. An air entraining agent is incorporated in the dry product to produce a concrete having good resistance to freezing and thawing. Shrinkage compensating agents are included to minimize plastic shrinkage.

Uses:

- Grouting of keyways or general grouting operations where a maximum aggregate size of 10 mm (3/8 inch) is desirable.
- Levelling beds with a thickness of 25 mm (1 inch) or more.
- Void filling where a 10 mm (3/8 inch) aggregate is desirable or where the minimum dimension of the pour exceeds 25 mm (1 inch). For smaller dimensions, use TARGET Machine Base Grout, TARGET Portland Expanding Grout or TARGET 1118 Grout.
- Structural repairs and applications requiring a high quality concrete at any consistency between stiff plastic and flowing where the quantities involved or placement conditions make the use of conventional ready-mixed concrete impractical.
- In surfaces requiring Class C1 Exposure Classification (CSA A23.1) including bridge decks, parking decks and ramps, portions of marine structures located within the tidal and splash zones, concrete exposed to seawater spray and salt water pools.

Yield:

- bags/m³ = Flowing 80; Plastic 82; Stiff Plastic 84.
- bags/yd³ = Flowing 61; Plastic 63; Stiff Plastic 65.
- ft³/bag = Flowing 0.44; Plastic 0.43; Stiff Plastic 0.42

Available In:

- ~1588 kg Bulk Bag 1/pallet
- 25 kg (55 lb) 56 bags/pallet
- 1 yd³ (3500 lb) Bulk Bag 1/pallet

Mfr. No. 9991124

Ship Wt. 25 kg bag 56 bags/pallet

TARGET® POLAR 5 COLD TEMPERATURE GROUT

TARGET® Polar 5 Cold Temperature Grout consists of accurately weighed high alumina cement, fine aggregate and shrinkage compensating admixtures. The product is designed to be used as dry pack, plastic or flowable grout. In normal temperature ranges of 3 °C to 24 °C (37 °F to 75 °F), the grout will have a slight expansion prior to final set. The grout contains no chlorides or accelerators and

is proportioned to provide a maximum water/cement ratio of 0.4 when added water does not exceed the maximum specified.

TARGET® Polar 5 Cold Temperature Grout can be placed with ambient temperatures as low as -10 °C (14 °F) following Low Temperature Grouting pre-conditioned procedures.

Uses:

TARGET Polar 5 Cold Temperature Grout is designed for use in applications such as:

- Permanently anchoring highway furniture such as posts, signs, parking meters.
- Permanently fixing anchor bolts, columns, railings and other fixtures in concrete, rock or masonry.

- Low temperature grouting. When ambient temperatures prohibit the use of normal cementitious grout. Follow Low Temperature Grouting procedures or Contact Target Products Ltd for details with ambient temperatures ranging between 3 °C to -10 °C (37 °F to 14 °F)

Mfr. No. 9991125

Ship Wt. 25 kg (55 lb) 56 bags/pallet

TARGET® 1121 CABLE DUCT GROUT

TARGET® 1121 Cable Duct Grout is a premium quality, high flow, unsanded, cementitious grout. TARGET Cable Duct Grout is specially formulated for the grouting of stressed cables, bars and anchorages.

TARGET Cable Duct Grout does not depend upon the formation of hydrogen, carbon monoxide, air or the use of gypsum for pre-hardened and post hardened expansion.

Used For:

- TARGET Cable Duct Grout is specially designed for uses where high fluidity, extended working time, no bleeding, segregation or plastic settlement shrinkage, high strength and resistance to chloride penetration are required.
- Applications include: Grouting of post tensioning cables or bars where complete encapsulation of the reinforcing and protection from corrosion are required.
- Pumping grout through small opening over long distances.
- Grouting cable anchorages for highly stressed reinforcing steel.

Yield per 25 kg bag at fluid consistency:

- bags/m³ = 63
- bags/yd³ = 48
- litres/bag = 15.8
- ft³/bag = 0.56

Mfr. No. 9991121

Ship Wt. 25 kg bag 56 bags/pallet

Features:

- TARGET Cable Duct Grout is specially designed for uses where high fluidity, extended working time, no bleeding, segregation or plastic settlement shrinkage, high strength and resistance to chloride penetration are required.

REPAIR & PATCHING

TARGET® FAST SET PATCHING CONCRETE

TARGET® Fast Set Patching Concrete consists of accurately weighed Portland cement, fine aggregate and admixtures. The concrete will be fast setting and have high strength and little or no plastic shrinkage.

An air-entraining agent is included in this product to give improved resistance to freezing and thawing.

Uses:

- To repair honeycombing, rock pockets, chips, spalls and minor accidental damage in concrete structures.
- To plug form tile holes and other small holes in concrete and masonry.
- To point joints in masonry, concrete pipe or precast concrete units.
- As a concrete bonding slurry when mixed with a blend of 1 part TARGET Polymer Bonding Agent to 2 parts water by volume.
- As a polymer-modified concrete repair or resurfacing material when mixed with a blend of 1 part TARGET Polymer Bonding Agent to 3 parts water by volume and applied in thicknesses of up to 19 mm (3/4 inch).

- To anchor posts, signs, railings and other fixtures in concrete or masonry.

Coverage

- At a thickness of approximately 6 mm (1/4 inch), each 25 kg (55 lb) bag of TARGET Fast Set Patching concrete will cover approximately 2 m² (22 ft²).

Mfr. No. 9991100

Ship Wt. 25 kg bag | 56 bags/pallet

TARGET® MATCH PATCH

TARGET® Match Patch Patching Concrete consists of accurately weighed Portland cement, fine aggregate and admixtures. The concrete will be fast setting and have high strength and little or no plastic

shrinkage. An air-entraining agent is included in this product to give improved resistance to freezing and thawing.

Uses:

- To repair honeycombing, rock pockets, chips, spalls and minor accidental damage in concrete structures.
- To plug form tile holes and other small holes in concrete and masonry.
- To point joints in masonry, concrete pipe or precast concrete units.
- As a polymer-modified concrete repair or resurfacing material when mixed with a blend of 1 part TARGET Polymer Bonding Agent to 3 parts water by volume and applied in thicknesses of up to 19mm (3/4 inch).
- To anchor posts, signs, railings and other fixtures in concrete or masonry.

Yield:

- ft³/bag = 0.48 (at stiff plastic consistency)

Mfr. No. 9991102

Ship Wt. 25 kg bag | 56 bags/pallet

TARGET® SACKING MIX

TARGET® Sacking Mix consists of accurately weighed Portland cement, fine aggregate and admixtures. The product is designed to develop high bond strength when applied to cast concrete surfaces. It is normally used at a flowable consistency. In normal working temperature ranges

10 °C to 24 °C (50 °F to 70 °F) the mix will have a slight expansion prior to final set. TARGET Sacking Mix contains no chloride admixtures.

Uses:

TARGET Sacking Mix is used to obtain architecturally acceptable finishes in cast concrete surfaces. It is used to patch and fill minor defects such as bug holes, honeycomb and segregation to provide a finish of uniform appearance. It is designed for application to exposed concrete surfaces such as columns, beams, walls, etc where uniformity of color and appearance are important.

Yield:

- Each bag of TARGET Sacking Mix will cover approximately 15.3 to 20.5 m² (165 to 220 ft²) when mixed and applied as directed.

Mfr. No. 9991105

Ship Wt. 25 kg bag | 56 bags / pallet

TARGET® VERTICAL OVERHEAD (V/O) REPAIR MORTAR

TARGET® Vertical Overhead (V/O) Repair Mortar is a single component, polymer modified and fast setting mortar. It is a premixed product containing accurately measured quantities of hydraulic cement, graded sand, polymers and other admixtures. It is formulated for repairing

of overhead and vertical surfaces. The ratios of the components are controlled to give a product with excellent adhesion; non-sagging, rapid strength gain and shrinkage compensate properties.

Used For:

- Vertical and overhead surfaces
- Balconies and columns
- Parking structures, Bridges, Retaining walls and other general stalled areas
- Deteriorated or un-even precast or cast in place and steel reinforced concrete.
- Repair of honeycombed surfaces
- In surfaces requiring Class C1 Exposure Classification (CSAA23.1-04)
- Below grade or Immersion service

Features:

- One component – easy mixing and handling
- High early strength
- Very low permeability to resist moisture and chloride intrusion
- Excellent bond to properly prepared substrates.
- Shrinkage compensated and shrinkage is low when appropriate water content is added.
- Color that matches existing concrete

Mfr. No. 9991134

Ship Wt. 25 kg bag | 56 bags/pallet



TARGET® FLOOR LEVELLER C26 UL

TARGET® Floor Leveller C26 UL is a self-levelling, pumpable floor leveller. The product consists of accurately weighed Portland cement,

fine aggregate and chemical admixtures.

Uses:

TARGET Floor Leveller C26 UL is designed for use as a self-levelling, pumpable underlayment or levelling bed for carpet, tile or other flooring systems in situations such as the following:

- over new concrete
- over concrete slabs damaged by rain or frost
- over hollowcore or precast concrete slabs
- over any suitable rigid sub-floor in building renovation or restoration work.
- Contact TARGET Products Ltd. for advice on suitability of sub-floor types such as plywood, particleboard, tile or asphalt.
- TARGET Floor Leveller C26 UL can also be used as a trowellable skim coat over concrete floors. The addition of approximately 250 ml (9 fl oz) of TARGET Primer to the mixing water for each 25 kg (55 lb) bag of TARGET Floor Leveller C26 UL is recommended for skim coating applications.

Coverage:

- ft³/bag = 0.55
- ft²/bag = 25 at 1/4 inch thickness

Mfr. No. 9993020

Ship Wt. 25 kg bag | 56 bags/pallet



TARGET® TRAFFIC PATCH® | FINE | COARSE

- TARGET® TRAFFIC PATCH® consists of specially modified Portland cement and aggregates combined in closely controlled proportions to give a rapid setting material for the repair of concrete. The product meets the requirements of ASTM C928 for very rapid hardening concrete repair materials. The rapid strength gain properties are maintained at temperatures as low as 3 °C (37 °F). The product contains no calcium chloride or other admixtures likely to accelerate

the corrosion of reinforcing steel. TARGET TRAFFIC PATCH is available in Fine and Coarse aggregate gradations. The TARGET TRAFFIC PATCH Fine incorporates polypropylene fibres and is intended for use in patches up to 25mm (1 inch) thick. The TARGET TRAFFIC PATCH Coarse incorporates 30mm long steel fibres and is designed for use in patches with thicknesses of more than 25 mm (1 inch).

Uses:

- TARGET TRAFFIC PATCH is designed for use as a repair material for cast-in-place or precast concrete where rapid setting and strength gain of the repair are required. Typical applications include patching of bridge decks, roads, curbs, sidewalks, parking decks and warehouse floors where the repaired area must be returned to normal service conditions within two hours of placing the repair mix.

Yield:

- When mixed as directed, each 25 kg (55 lb) bag of TARGET TRAFFIC PATCH will yield approximately 0.43 ft³ (12.1 litres) of repair material.

Mfr. No. Fine 9991177 | Coarse 9991178

Ship Wt. 25 kg bag | 56 bags/pallet



QUIKRETE® BONDED TOPPING MIX | BAG | PAIL

Bonded Topping Mix contains accurately measured and premixed amounts of Portland cement, admixtures, bonding agents and specially prepared sand. The ratios of the components are controlled to give

a product with excellent adhesion properties, rapid strength gain and excellent durability.

Used For:

- Overlays
- Levelling
- Damaged and Cracked Concrete
- Features:
- High strength
- Strong bond
- 90 minute set
- Foot traffic in 2.5 hours
- Trowels to a featheredge

Coverage

- For trowel applications, each 18 kg (40 lb) bag of material will give approximately 1.7m² at 6mm (18 ft² at 1/4 inch) thickness. Each 4.5 kg (10 lb) pail of material will give approximately 5 ft² at 1/4 inch thickness.
- For broom applications, the yield will vary with the texture and thickness required. For most broom applications, a yield of approximately 7-8 m² (75-85 ft²) per 18 kg (40 lb) bag can be expected.

Mfr. No. 113318 bag | 113304 pail

Ship Wt. 18 kg bag | 4.5 kg pail

Case/Pallet 56 bags pallet | 4 per case

TARGET® SPEED SET | BAG | PAIL

TARGET® Speed Set is a blend of special cements, silica sand and admixtures designed for patching of concrete.

Used For:

- TARGET Speed Set is designed for use as a repair material for cast-in-place or precast concrete where rapid set and strength gain of the repair are required. Typical applications include:
- Sidewalks and curbs
- Balconies
- Concrete Floors
- Stairs
- Features:
- Rapid set
- High early strength

- Grey color similar to concrete
- Excellent workability
- Good bond characteristics
- Feather edge capability

Yield/Coverage

Yield will vary with the amount of water added. At maximum water addition one 25 Kg. (55 Lb.) bag will yield approximately 0.52 cubic feet or 2.3 square meters (25 square feet) at 6 mm. (1/4 inch) thickness.

Mfr. No. 9991190 9991189
Ship Wt. 25 kg bag 22.7 kg pail
56 bags/pallet 32 pails/pallet

TARGET® PIPE PATCH

TARGET® Pipe Patch is a blend of special cements, silica sand and admixtures designed for patching of precast concrete. TARGET Pipe Patch is designed for use as a vertical repair material for cast-in-place

or precast concrete where rapid set and strength gain of the repair are required.

Used for:

- Sidewalks and curbs
- Balconies
- Concrete Floors
- Stairs
- Features:
- Rapid set
- High early strength

- Non corrosive, does not contain added chlorides
- Excellent workability
- Good bond characteristics
- Feather edge capability

Mfr. No. 9991188
Ship Wt. 25 kg bag | 30 bags/pallet

TARGET® AQUAPLUG

9991181) - TARGET® Aquaplug consists of accurately weighed hydraulic cements, non-metallic aggregate and chemical admixtures. These materials are pre-blended and require only mixing with water before use. TARGET Aquaplug contains no chlorides or other admixtures

which could promote corrosion of reinforcing steel or prestressing steel cables. TARGET Aquaplug sets within 4 minutes at 20 °C (68 °F) with little or no plastic shrinkage.

Used For:

- TARGET Aquaplug can be used in interior and exterior applications both above and below grade where fast setting is desired. Typical applications include:
- Stopping active water leaks or seepage at defects or joints in concrete manholes, sewer pipes, tanks, elevator pits, basement walls and concrete or masonry surfaces experiencing water penetration.
- Patching cracks and holes in concrete and masonry.
- Anchoring handrail posts or metal fixtures in concrete where high early strength is required.
- Non-structural repair and anchoring underwater.
- Temporary grouting of soil- or rock-anchor plates.

Features

- TARGET® Aquaplug a fast setting hydraulic cement consisting of accurately weighed hydraulic cements, non-metallic aggregate and chemical admixtures. These materials are preblended and require only mixing with water before use. TARGET Aquaplug contains no chlorides or other admixtures which could promote corrosion of

reinforcing steel or prestressing steel cables. TARGET Aquaplug sets within 5 minutes at 20 °C (68 ° F) with little or no plastic shrinkage.

Yield:

- Approximate Yield 22.6 kg pail - 12.25 L (0.43 ft cubic) Properly graded fine sand for filling joints between pavers, flagstone and other masonry products.

Used for:

- Patios
- Sidewalks
- Driveways

Features:

- Washed and dried
- Properly screened
- Angular for stability
- Durable plastic bag

Mfr. No. 9991181

Ship Wt. 22.6 kg

32 pails/pallet

QUIKRETE® HYDRAULIC WATER-STOP CEMENT

Hydraulic Water-Stop Cement will block running water when application is made to masonry or concrete surfaces. This special formulation

allows the product to obtain high strength and rapid setting while repelling water

Used For:

- Basement walls
- Swimming pools
- Foundation Walls
- Retaining walls
- Instant anchoring

Features:

- High strength (2000 psi in 30 minutes)
- Sets in 3-5 minutes

Coverage

- 1 x 4.5 kg pail will fill a crack 1/2" D x15' L

Mfr. No. 112612

112606

Ship Wt. 4.5 kg pail

9 kg pail

75 / pallet

1 / pallet

TARGET® PRIMER

TARGET® Primer is an aqueous emulsion of a polymer and chemical admixtures. It is designed for use as a floor sealer and primer in

conjunction with TARGET Floor Leveller C26 UL.

Used For:

- TARGET Primer is intended only for use as a sealer and primer for surfaces to which TARGET Tech Top Premium, TARGET Tech Top Standard or TARGET Floor Leveller C26 UL are to be applied.

Coverage

At the specified dilution ratio, the approximate coverage obtained from concentrated TARGET Primer is 14 m² per litre (570 ft² per US gallon) per coat for most surfaces.

Mfr. No.	9994215	9994210
Ship Wt.	3.78 litre pail	20 litre pail

TARGET® POLYMER BONDING AGENT

TARGET® Bonding Agent is an aqueous emulsion of a polymer and chemical admixtures.. It is designed for use as a bonding agent with concrete and cement-based products in interior or exterior applications. TARGET Bonding Agent is also designed for use as a modifier in mortars and concretes to develop increased tensile, flexural and

bond strengths. The use of TARGET Bonding Agent in concretes and shotcretes also gives significant improvements in resistance to penetration by chlorides and de-icing salts. After curing, TARGET Bonding Agent is not re-emulsifiable.

Available in a 20 L Pail (9994200)

Used For:

- Bonding slurry coats or primers applied to existing concrete before placing overlays or patches.
- Concrete or mortar overlays, patches and levelling coats
- Shotcrete or gunite
- Bonding mortars such as tile setting mortars

- Pointing mortars, stucco and Portland cement plaster.
- Parge coats for concrete.

Mfr. No.	9994205	9994200
Ship Wt.	3.78 litres	20 litres

SHOTCRETE & MINING

TARGET® SUPERSTICK SHOTCRETE

TARGET® Superstick Shotcrete is available in a range of bagged dry mixes for use in either dry-mix or wet-mix processes. Shotcrete aggregates are blended to ACI 506R-90 gradation requirements and shotcretes are available in either ACI Gradation No. 2 (medium) or Gradation No. 1 (fine) aggregate gradations. Other aggregate gradations

can be manufactured on request.

TARGET SUPERSTICK® SHOTCRETE is made with accurately mass-batched blends of Portland cement, silica fume, sand, coarse aggregate and, where required, chemical admixtures, steel fibers or dry-powdered shotcrete accelerators

Used for:

- Mining applications, including ground support and lining of portals, shafts, drifts, raises, loading pockets, ore passes and underground chambers.
- Tunnel and shaft lining.
- Construction of retaining walls.
- Rehabilitation of deteriorated infrastructure, including bridges, dams, sewers, canals and cooling towers.
- Construction of artificial rockscapes in zoos, aquariums, exhibits and recreational and park facilities.

Features:

- Greater thickness of build-up in a single pass relative to conventional shotcrete, particularly in the dry-mix shotcrete process.
- Substantial reductions in rebound, particularly in the dry-mix shotcrete process.
- Superior bond to (properly prepared) surfaces.
- Elimination of secondary reinforcing steel or mesh when fiber reinforcement is included in the mixture.
- High early and later age strengths and low permeability.

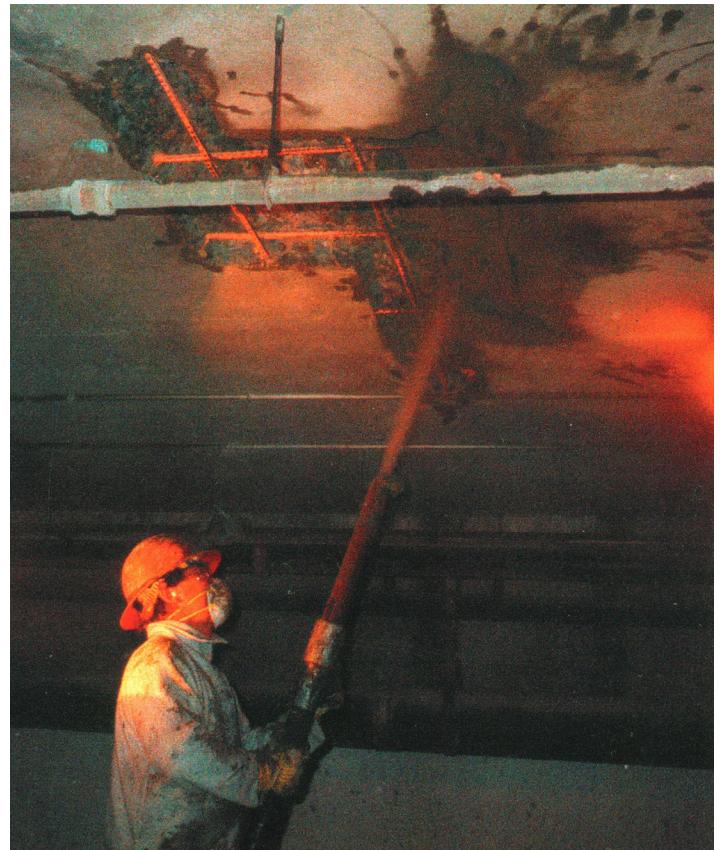
Special Shotcretes:

- Fiber reinforced shotcretes can be custom formulated to meet different Toughness Performance Levels using appropriate steel or synthetic fiber types and addition rates.
- Air entrainment can be added to wet-mix shotcretes to produce the required parameters of the air void system for freeze-thaw durable shotcrete.
- Special high alumina cement-based shotcretes can be formulated for refractory applications and for shotcretes applied to permafrost or frozen ground.

Packaging:

TARGET SUPERSTICK ACCELERATED SHOTCRETE is supplied in 30 kg (66 lb) multiwall paper bags or in synthetic cloth bulk bin bags with up to 1678 kg (3700 lb) capacity. The bulk bin bags can be supplied with or without discharge spouts.

Yield/Coverage



Exact yield will depend on the specific shotcrete mix design but for conventional shotcrete mixes the yield and quantity estimating values (excluding an allowance for rebound and wastage) are as follows:

1 x 1678 kg bulk bin bag / yd³
1 x 1134 kg bulk bin bag / 0.5 m³
56 x 30 kg paper bags / yd³
73 x 30 kg paper bags / m³

Mfr. No. 9991331, 9991320 , VARIOUS
Ship Weight 30 kg | bag 56 pallet
Bulk Bags 500 kg to 1680 kg bag
(1100 to 3700 lb) bag

TARGET® SUPERSTICK ACCELERATED SHOTCRETE

TARGET® Superstick Accelerated Shotcrete is a rapid setting quality shotcrete designed for dry process application. Target Superstick Accelerated Shotcrete is blended to ACI 506R-90 gradation requirements and is available in either ACI Gradation N° 2 (medium) or Gradation N° 1 (fine) aggregate gradations. TARGET SUPERSTICK® Accelerated SHOTCRETE is made with accurately mass-batched

blends of Portland cement, silica fume, sand, coarse aggregate, and Target Set Accelerator. All materials used conform to the requirements of relevant standards, including: CSA A23.1-94 "Concrete Materials and Methods of Concrete Construction", ACI 506.2 "Specifications for Materials, Proportioning and Application of Shotcrete", ASTM C1141 "Standard Specification for Admixtures for Shotcrete".

Used for:

- Mining applications, including ground support, and lining of portals, shafts, drifts, raises, loading pockets, ore passes and underground chambers.
- Ground support and slope stabilization.
- Tunnel and shaft lining.
- Construction of retaining walls.

Features:

- High early and later age strengths and low permeability.
- Greater thickness of build-up in a single pass relative to conventional shotcrete,
- Substantial reductions in rebound.
- Superior bond to (properly prepared) surfaces.
- Elimination of secondary reinforcing steel or mesh when fiber reinforcement is included in the mixture.

Packaging:

TARGET SUPERSTICK ACCELERATED SHOTCRETE is supplied in 30 kg (66 lb) multiwall paper bags or in synthetic cloth bulk bin bags with up to 1678 kg (3700 lb) capacity. The bulk bin bags can be supplied with or without discharge spouts.

Yield

Exact yield will depend on the specific shotcrete mix design but for conventional shotcrete mixes the yield and quantity estimating values (excluding an allowance for rebound and wastage) are as follows:

1 x 1678 kg bulk bin bag / yd³
1 x 1134 kg bulk bin bag / 0.5 m³
56 x 30 kg paper bags / yd³
73 x 30 kg paper bags / m³

Mfr. No.	Various
Ship Weight Bulk Bags	30 kg bag 56 pallet 500 kg to 1680 kg bag (1100 to 3700 lb) bag

TSA TARGET SHOTCRETE ACCELERATOR™

TSA TARGET SHOTCRETE ACCELERATOR™ is a chloride-free, dry powder accelerator designed for use with shotcrete. It is also suitable

for use as a set accelerator in other Portland cement products such as concrete mixes and fence post mixes.

Used For:

- A major use for this product is in accelerated shotcrete forming, tunneling or rock stabilization operations where rapid set or high early strength are required for structural support.
- Accelerated shotcrete is also used for rapid sealing of water seepage through rock, earth, or concrete.
- Production of fast setting concrete using conventional Portland cement, for example fence post mix.

Features:

- In addition to the advantages of rapid set and high early strength, TSA TARGET SHOTCRETE ACCELERATOR™ is less caustic and less hazardous to personnel than the Portland cement products to which it is added.
- The dry powder form of this product is ideal for dry-process shotcrete applications and provides added convenience for transportation, storage, and application.

- TSA TARGET SHOTCRETE ACCELERATOR™ gives less reduction in ultimate strength than most other dry powder accelerators and performs more effectively than most accelerators at low temperatures.

Packaging:

TSA TARGET SHOTCRETE ACCELERATOR™ is packaged in 22.7 kg (50 lb) plastic bags, or ≈850 to 1000 kg (1875 to 2200 lb) bulk sacks. Other packaging to suit the requirements of major projects is available on request

Mfr. No.	9994055, 9994053
Ship Weight Bulk Bags	22.7 kg bag 56 pallet 850 kg to 1,000 kg bags (1875 to 2200 lbs)

TARGET® SHOTCRETE SC100W

TARGET® SC100W is a one-component, pre-packaged, cementitious mortar containing silica fume, latex polymer, polypropylene fibres and other admixtures designed to give a high strength, shrinkage-

compensated mortar which is suitable for pneumatic application or by standard hand trowel placing procedures.

Used For:

- TARGET SC100W is a high performance mortar suitable for new construction and repair applications. Typical uses include vertical and overhead applications to bridges, piers, beams, tunnels, parking structures, water and sewage treatment facilities, pulp and paper process areas, petrochemical process areas, dams and marine structures.

Features:

- TARGET SC100W requires only the addition of water to give a material with the following advantages:
- Suitable for application using low nozzle velocity equipment or by hand trowel.
- Low rebound compared to conventional shotcrete (gunite).
- High early and ultimate compressive and flexural strengths.
- Excellent bond strength to properly prepared substrate surfaces.

- Provides a "breathable" surface; not a vapour barrier.
- Excellent freeze/thaw resistance.
- Sticks tenaciously to overhead and vertical surfaces.
- Low permeability and high sulphate resistance
- Excellent barrier to chloride ion diffusion and thus enhanced resistance to corrosion of embedded reinforcing steel

Yield/Coverage

- The approximate yield of SC100W is 0.47 ft³ per 55 lb bag, 57 bags per yd³ or 74 bags per m³. The exact yield will depend on the amount of water added.

Mfr. No. 9991310

Ship Wt. 25 kg bag | 56 bags/pallet

TARGET® SHOTCRETE SC100D

TARGET® SC100D is a one-component, pre-packaged, cementitious mortar containing silica fume, latex polymer, polypropylene fibres and other admixtures designed to give a high strength, shrinkage-

compensated mortar which is suitable for pneumatic application or by standard hand trowel placing procedures.

Used For:

- TARGET SC100D is a high performance mortar suitable for new construction and repair applications. Typical uses include vertical and overhead applications to bridges, piers, beams, tunnels, parking structures, water and sewage treatment facilities, pulp and paper process areas, petrochemical process areas, dams and marine structures.

Features:

- TARGET SC100D is a one-component, pre-packaged product.
- ultra-low rebound compared to conventional shotcrete
- high early and ultimate compressive and flexural strengths
- excellent bond strength to properly prepared substrate surfaces
- provides a "breathable" surface; not a vapor barrier
- excellent freeze/thaw resistance

- low permeability and high sulphate resistance
- excellent barrier to chloride ion diffusion and thus enhanced resistance to corrosion of embedded reinforcing steel
- sticks tenaciously to overhead and vertical surfaces

Yield/Coverage

- The approximate yield of SC100D is 0.47 ft³ per 55 lb bag, 57 bags per yd³ or 74 bags per m³. The exact yield will depend on the amount of water added.

Mfr. No. 9991312

Ship Weight 25 kg bags | 56 bags / pallet

MORINVILLE SILICA ABRASIVES

TARGET® SILICA ABRASIVE

TARGET® Silica Abrasives are high quality, close graded silica sands which are produced at our Morinville, Alberta, plant in ten size grades including: 12-40 (#8), 12-50 (#7), 16-30, 20-40, 30-50 (#4), 50-100

Used For:

- Sandblasting of steel, concrete or wood in preparation for surface coating or repair
- Sandblasting of concrete or wood to obtain architectural effects
- Aggregate for cementitious or polymer mortars, grouts and concretes
- Foundry mold sand
- Traction sand

- Hardness, Mohs 6.5 - 7
- Specific Gravity 2.65
- Moisture Content <0.1 % weight

Available In:

22.7 kg (50 lb) bag - 72 bags per pallet
~1750 kg Bulk Bag 1 per pallet

Properties:

- Colour Tan
- Grain Shape Sub-rounded
- Bulk Density 92 - 95 lb/ft³ (1474 - 1522 kg/m³)

MISCELLANEOUS PRODUCTS

QUIKRETE® TRACTION SAND

QUIKRETE® Traction Sand (115831) - Ideal for traction on all surfaces in icy conditions

Used For:

- Icy and snowy surfaces
- Added vehicle weight

Features:

- Dry material
- Re-usable poly bag
- Angular

Mfr. No. 115831

Ship Wt: 18 kg bag / 48 bags per pallet

CONTACT INFORMATION



FOR TECHNICAL SALES AND ASSISTANCE

INDUSTRIAL PRODUCTS SALES REPRESENTATIVES

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MASONRY & STUCCO SALES REPRESENTATIVES

Carlos Zamora	Tel: 1.604.368.6402	Email: carlos.zamora@quikrete.ca
Colin Thompson	Tel: 1.403.966.4041	Email: colin.thompson@quikrete.ca

CORPORATE SALES OFFICE:

8535 Eastlake Drive, Burnaby, BC Canada V5A 4T7	Toll Free: 1 800 575 7700	Tel: 1 604 444 3620
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PLANT LOCATIONS

VANCOUVER PLANT: 1080 Bradner Road, Abbotsford, BC	Tel: 1.604.856.7976 Toll Free: 1.888.484.1258	Orders: Abbotsford.Order@Quikrete.ca Canada V4X 1H8
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Jack Torok	Tel: 1.604.551.4866	Email: jack.torok@quikrete.ca
Carlos Zamora	Tel: 1.604.368.6402	Email: carlos.zamora@quikrete.ca

CALGARY PLANT: 5150 90 Avenue, SE, Calgary AB Canada T2C 2T2	Tel: 1.403.279.8189 Toll Free: 1.800.661.8482	Fax: 1 403 279 4829 Orders: Calgary.Order@Quikrete.ca
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Tom Bartley	Tel: 1.403.651.0650	Email: tom.bartley@targetproduct.com
Colin Thompson	Tel: 1.403.966.4041	Email: colin.thompson@targetproducts.com

WINNIPEG PLANT: 400 Pandora Avenue W, Winnipeg MB Canada R2C 3A5	Tel: 1.204.654.8320 Toll Free: 1.855.654.8320	Orders: Winnipeg.Order@Quikrete.ca
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